

REMARKS

In response to the restriction requirement, please cancel without prejudice claims 2-18, 21-25, 28, and 29. Accordingly, claims 1, 19, 20, 26 and 27 are pending.

To aid the examination, and as required by the Office Action, Applicant has elected a species. Applicant understands that if the elected species is found patentable, the other inventions within the scope of the originally filed claims will be considered as well.

The elected species is disclosed in paragraphs [0087] to [0103] (i.e., on page 24 *et seq.* in Example 1).

This elected species is a conjugate comprising alkaline phosphatase and antibodies specific for Thyroid Stimulating Hormone (TSH), in the method periodate activated agarose is linked to sulfhydryl-activated protein reacted with the maleimide to form a stable thioether linkage. The hydrazide function of the heterobifunctional linker N-[ε-Maleimidocaproic acid]hydrazide (EMCH) is reacted with the aldehydes to give a maleimide group linked to the support via a disruptable hydrazone bond. The Second Macromolecule in this Example is maleimido-derivatized Alkaline Phosphatase. The stable bond between the support and the conjugate is disrupted by addition of hydroxylamine.

Claims 26 and 27 specify a chromophore, which if an election to this is required is R-phycoerythrin (commonly abbreviated as RPE).

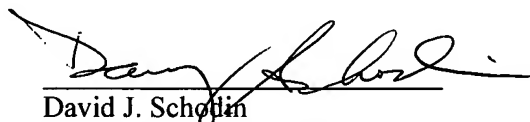
Conclusion

Applicant invites the Examiner to contact applicant's undersigned attorney within the confines of the Patent Office's rules, if in the opinion of the Examiner, a teleconference would expedite the examination of the subject application.

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